

COUNTY BOROUGH OF TYNEMOUTH

SIXTY-THIRD

ANNUAL REPORT

OF THE

Medical Officer of Health

1943.



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**County Borough of Tynemouth,
HEALTH COMMITTEE.**

THE MAYOR—Councillor GEORGE CUTHBERT MURRAY, J.P.

Chairman :

Councillor W. R. FORSTER.

Deputy Chairman :

Councillor G. C. BARBER.

Members :

Alderman HARRISON, J.P.	Councillor Mrs. FRATER, J.P.
„ MIDDLEMISS, J.P.	„ LITTLE.
„ PARK, J.P.	„ MORALEE.
„ SPENCE.	„ STANGER.
Councillor BARBER, G. C.	„ STORER.
„ BARBER, MRS. M.	„ THEWLES.
„ BURNETT.	„ WALSH.
„ FORSTER.	

R. H. DAWSON, M.B., CH.B., D.P.H. (Edinburgh).

Medical Officer of Health,

Chief Medical Adviser to the Local Authority,

Chief Medical Officer to the Education Authority,

Administrative Tuberculosis Officer,

Medical Superintendent of Infectious Diseases and Smallpox Hospitals

and

Vaccination Officer.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

—:O:—

Medical Officer of Health and Vaccination Officer :	R. H. DAWSON, M.B., CH.B., D.P.H.
Assistant Medical Officer of Health :	R. M. WHITE, M.B., CH.B., D.P.H.
Maternity and Child Welfare Officer :	MARGARET B. STEEL, M.B., CH.B., D.P.H.
Senior Sanitary Inspector :	C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection.
Sanitary Inspectors :	E. E. MILBURN, Cert. R.S.I. J. E. HALL, Cert. R.S.I., Cert. Meat Insp. L. MORALEE Cert. R.S.I. R. R. MACDOUGALL, Cert. R.S.I.
Tuberculosis Nurses :	M. IRVING, S.R.N., S.C.M. A. TINDLE, S.R.N., S.C.M.
Health Visitors :	I. FRASER, H.V. Cert., S.R.N., S.C.M. E. MARSHALL, H.V. Cert., S.R.N., S.C.M. V. PARKER, H.V. Cert., S.C.M. A. MILBURN, H.V. Cert., S.R.N., S.C.M. (Resigned 20/4/43). I. GREEN, H.V. Cert., S.R.N., S.C.M. (Appointed 7/6/43).
Chief Clerk :	A. R. FORSYTH.
Clerks :	W. R. MILLER. G. G. ELLIS (Staff Officer Casualty Service). B. O. BLAGBURN (H.M. Forces). Mrs. B. ROWLES (Commenced 10/3/43), (Civil Defence). A. CONNACHER (H.M. Forces). Miss A. MILBURN (Temp.). Miss M. GRAY (Temp.) (H.M. Forces).
Junior Clerk :	E. McNEIL (H.M. Forces). F. JEFFREY (H.M. Forces).
Messenger :	A. T. YOUNG.
Typists :	Miss E. MORPETH. Miss M. LAMBERT (Civil Defence).
Disinfectors :	B. NEWHAM (H.M. Forces) T. H. DUNN (Temp.).
Laboratory Boy :	A. MUCKLE.
Matron (Moor Park Hospital) :	Miss K. ROBINSON.
Matron (Frater Maternity Home)	Miss C. CORNEY.
Midwives :	Miss D. BRAND, S.R.N., S.C.M. (Resigned 31/3/43). Miss M. CARRUTHERS, S.C.M. Mrs. E. FANTHORPE, S.C.M. Mrs. M. HALL, S.R.N., S.C.M. Mrs. H. HOROBIN, S.R.N., S.C.M. Mrs. M. KANE, S.C.M. Mrs. E. MOONEY, S.C.M. Mrs. G. SMILES (Temp.).

PUBLIC HEALTH DEPARTMENT,

TYNEMOUTH.

September, 1944.

*To The Mayor, Aldermen and Councillors,
of the County Borough of Tynemouth.*

YOUR WORSHIP, LADIES and GENTLEMEN,

I have the honour to present my Annual Report upon the Health and Sanitary conditions of this Borough for the year 1943, and am pleased to inform you that the general standard of health of the population of the Borough, has in no way been impaired by the prevailing conditions, and in my opinion, shows a satisfactory state.

Whilst full particulars of the state of health of the residents of the Borough are dealt with later in the report, there are one or two points to which I would particularly like to draw your attention.

Once again there is an increase in the Birth Rate (19.45 as compared with 16.97 for last year). There is also a marked decrease in the incidence of Infectious Disease, and a steady increase in the percentage of School Children immunised against Diphtheria, which percentage has now risen to 89.44% of the Schools Population.

I have also to report that although the work of the Department has been considerably restricted owing to present conditions, a satisfactory standard has been maintained, and I should like to record my appreciation to the members of the Staff of the Public Health Department, for their loyalty and co-operation.

Finally I desire to express my thanks to the Chairman, and Members of the Health Committee, for their continued support and keen interest in the general administration of the Department.

I have the honour to remain,

Your obedient Servant,

R. H. DAWSON,

Medical Officer of Health.

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SECTION A.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area (Acres) (Exclusive of 80 Acres covered by inland water) ...	4,604
Population (1931 Census)	64,922
Population (Estimated 1943—R.G.)	52,370
Total Dwellings occupied and vacant (1931 Census)	13,635
Number of Private Families therein (1931 Census)	16,079
Average Number of Persons per Family (1931 Census)	3.86
Rateable Value (1st April, 1943)	£418,594
Sum represented by a penny rate	£1,578

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Number of Marriages during 1943	484
Total Live Births	1019
Legitimate Males 500 ; Females 456 ;	
Illegitimate „ 34 ; „ 29 ;	
Birth Rate	19.45
Stillbirths (Registrar-General)	37
Legitimate Males 18 ; Females 17 ;	
Illegitimate „ 2 ; „ 0 ;	
Stillbirth Rate per 1,000 Live Births	36.31
Deaths	780
Males 426 ; Females 354 ;	
Death Rate	14.89
Percentage of Deaths in Public Institutions	41.41

Deaths from Puerperal Causes :—

	No.	Rate (per 1,000 total live and stillbirths).
From Puerperal Sepsis	1	0.94
From Other Maternal Causes	1	0.94
	<hr/>	<hr/>
Total	2	1.88
	<hr/>	<hr/>

Death Rate of Infants under one year of age :—

All Infants, per 1,000 live births...	76
Legitimate Infants, per 1,000 legitimate live births ...	7
Illegitimate Infants, per 1,000 illegitimate live births...	137
Deaths from Cancer (all ages)	98
Deaths from Measles (all ages)	2
Deaths from Whooping Cough (all ages)	2
Deaths from Diarrhoea (under 2 years of age)	2
Amount expended in out-relief, 1943	£17,836

BIRTHS.

The nett total births assignable to the Borough were 1019 which gives an annual birth rate of 19.45 per 1,000 of the population.

The live birth rate for England and Wales for 1943 was 16.5 per 1,000 of the population.

The total births were made up as follows :—

Live.	Legitimate Males	500 ;	Legitimate Females	456
	Illegitimate „	34 ;	Illegitimate „	29
	<hr/>		<hr/>	
	TOTALS	534	TOTALS	485
	<hr/>		<hr/>	
Still.	Legitimate Males	18 ;	Legitimate Females	17
	Illegitimate „	2 ;	Illegitimate „	—
	<hr/>		<hr/>	
	TOTALS	20	TOTALS	17
	<hr/>		<hr/>	

The percentage of illegitimate births to the total births for 1943 was 6.59.

DEATHS.

The nett deaths were 780, which is equivalent to a death rate of 14.89 per 1,000 of the population. The rates for England and Wales, and the Great Towns were 12.1 and 14.2 respectively.

The number of deaths of persons belonging to Tynemouth which occurred in Public Institutions during the year was :—

Tynemouth Poor Law Institution 219 ; Tynemouth Victoria Jubilee Infirmary 41 ; Moor Park Isolation Hospital 10 ; Other Institutions outside the Borough 53 ; making a total of 323, which represents 41.41 per cent. of all deaths of residents during the year.

PRINCIPAL CERTIFIABLE CAUSES OF DEATH.

	No. of Deaths.	Proportion of Deaths per 1,000 Deaths from all causes.
Diseases of Circulatory System :—		
Disease of the Heart	202	258.97
Intra-Cranial Vascular Lesions	79	101.28
Other Circulatory Diseases . . .	22	28.20
Respiratory Diseases :—		
Pneumonia	47	60.25
Influenzal Pneumonia	12	15.38
Bronchitis	47	60.25
Other Respiratory Diseases ...	7	8.97
Tuberculosis :—		
Tuberculosis (all forms) ...	59	75.64
Cancer and Malignant Diseases :—		
Cancer and Malignant Diseases	98	125.64
Deaths from All Causes	Total	780.

INFANTILE MORTALITY.

There were 78 deaths of infants under one year of age which gives an Infantile Mortality Rate of 76 per 1,000 live births.

The Infantile Mortality Rates for England and Wales, and for the Great Towns were 49 and 58 respectively.

NEO-NATAL MORTALITY.

There were 35 Neo-Natal deaths giving a Mortality Rate (the death rate of infants under **one month** of age, per 1,000 births) of 34.34—28 of the deaths occurred in Institutions.

MATERNAL MORTALITY.

There were 2 Maternal Deaths during the year, giving a mortality rate of 1.96 per 1,000 live and still births,

COMPARATIVE TABLE OF MATERNAL DEATHS FOR PAST 10 YEARS.

Year.	Births.	Birth Rate.	TYNEMOUTH.		England and Wales Maternal Mortality per 1,000 live and stillbirths.
			No. of Maternal Deaths (R.G.).	Maternal Mortality per 1,000 live and stillbirths.	
1934	1,172	17.77	5	4.26	5.85
1935	1,201	17.38	3	2.49	4.10
1936	1,209	18.10	4	3.31	3.81
1937	1,087	16.25	2	1.84	3.23
1938	1,104	16.60	5	4.50	3.08
1939	1,119	16.70	2	1.74	2.93
1940	1,060	17.74	6	5.47	2.16
1941	897	15.95	3	3.21	3.87
1942	908	16.97	2	2.08	2.08
1943	1,019	19.45	2	1.96	2.29
Average*	1,077	17.29	3.4	3.08	3.34

* Mean of 10 years.

SECTION B.**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.****MEDICAL PRACTITIONERS.**

There are 18 doctors resident in the County Borough of Tynemouth who are engaged in private practice.

LABORATORY FACILITIES.

There has been no change during the year in the provisions of laboratory facilities which were described in the Annual Report for 1940. The following table shows the number, nature and results of examination of the specimens examined in the Tynemouth Laboratory from 1939.

Year.	Diphtheria.		Phthisis.		Typhoid Fever.		Streptococcus.		Miscellaneous.	Totals.
	+	—	+	—	+	—	+	—		
1939	221	1,724	129	244	2	52	19	228	171	2,790
1940	220	1,511	38	213	—	5	14	247	265	2,513
1941	283	2,583	92	275	—	—	17	212	573	4,035
1942	321	2,979	66	411	2	4	9	170	324	4,286
1943	195	1,457	106	306	—	1	2	228	105	2,400

The bacteriological examination of milk, water and other specimens is carried out by arrangement at King's College Laboratory, Newcastle.

The following specimens were examined during the year :—

(1)	Bacteriological Examinations of Milk	...	...	188*
(2)	Excreta for enteric and disenteric organisms	...	...	6
(3)	Blood for serological tests	...	...	10
(4)	Other examinations	...	...	98
Total				302

* Includes 71 inoculation investigations.

Chemical and Bacteriological analyses are performed for the Local Authority by the Public Analysts for the Borough, in their Laboratory in Newcastle. During the year three bacteriological and two chemical examinations were made on samples submitted by the Water Engineer.

In Preston Hospital and in the Tynemouth Victoria Jubilee Infirmary, certain examinations and analyses of clinical material were performed by the staff of each hospital, such examinations including blood counts, blood sugar examinations, urine analyses, slide, and smear preparations, etc.

HOSPITALS AND INSTITUTIONS.

FACILITIES AVAILABLE AT HOSPITALS IN THE COUNTY BOROUGH OF TYNEMOUTH.

Preston Hospital.

An agreement as to joint usage of this Hospital with the Northumberland County Council has been extended until 1950.

The figures given below show the number of patients treated, and the nature of the disease dealt with, in Preston Hospital, during the year 1943, and relate to all patients admitted from both the County Borough of Tynemouth, and the County Council of Northumberland.

Preston Hospital—General Statistics.

Number of beds available	...	...	...	488
Number of patients admitted during the year	...	...	...	2,613
Number of patients discharged and died	...	...	...	2,383
Number of deaths during the year	...	...	...	440
Average number of beds occupied	...	...	...	328

(Highest 363 on 13/1/43 ; Lowest 292 on 13/4/43).

Number of patients seen at Venereal Diseases Clinic	...	314
Number of attendances at V.D. out-patient department...	...	8,723
Number of surgical operations under general anaesthetic	...	195

Preston Hospital.

	C.B.	C.C.	Total.
Number of children, including children suffering from Tuberculosis, admitted from 1/1/43 to 31/12/43	518	250	768
Number of Maternity Patients admitted from 1/1/43 to 31/12/43	444	140	584
Number of patients seen ante-natally	283	91	374
Total number of visits by ante-natal patients ...	1519	357	1876
Number of X-Ray Examinations (Preston Hospital) ...			1088

Statistical Table relating to In-Patients from Tynemouth County Borough and Northumberland County Council from 1st January to 31st December, 1943.

	County Borough.	County Council.
1. Total number of admissions	1,411	967
2. Number of women confined in Hospital ...	339	134
3. Number of live births	323	129
4. Number of stillbirths	19	7
5. Number of deaths among newlyborn (In Hosp.) (i.e. under four weeks old) ... (Others)	24	6
6. Total number of deaths among children under one year	39	10
7. Number of Maternal Deaths	2	—
8. Total number of deaths	269	221
9. Number of patients discharged	1145	748
10. Number of beds occupied :—		
(a) Average during period		328
(b) Highest—on 13/1/43		363
(c) Lowest—on 13/4/43		292
11. Number of surgical operations under general anaesthetic (excluding dental operations) ...		186
12. Number of abdominal sections... ..		43

Tynemouth Victoria Jubilee Infirmary.

The following is a summary of the work performed in the Infirmary during 1943.

Total patients treated	6,453
(In-patients 1,326 ; Out-patients 5,127).	
Operations under general anaesthesia	1,831
Patients treated in Massage and Electrical Department (11,931 visits)	840
Examinations in X-Ray Department	6,312
Specimens Examined in Laboratory	271

Frater Maternity Home.

This Maternity Home is under the control of the Public Health Committee, and is administered in co-operation with the Tynemouth Victoria Jubilee Infirmary, one Matron acting for both Institutions. General Practitioners attend their own patients in the Home. Part of the cost of the Services under the local scheme is recovered from the Patients, in accordance with a scale of charges based on the family income.

114 patients were admitted during the year, resulting in 112 confinements, (two sets of twins) 2 of which were stillbirths. The total live births were 112 of whom 59 were males and 53 females.

As a matter of routine, swabs are taken from patients on admission, and of 147 total examinations made, all were negative.

Average duration of residence per patient was 13.4 days. Medical Aid was summoned in 33 cases, 28 for the Mother and 5 for the Child. There were no Maternal Deaths during the year. Number of infant deaths within 10 days of birth, 3.

Balkwell Smallpox Hospital.

This Hospital has now been made available for the admission of Smallpox Cases. There were no cases notified.

Moor Park Hospital.

TABLE SHOWING ADMISSION, DISCHARGES AND DEATHS DURING 1943.

Disease.	Patients in Hospital on 1/1/43.	Admitted.	Discharged.	Died.	Remaining in Hospital, 31/12/43.
Diphtheria ...	36	93	118	4	7
Scarlet Fever ...	2	56	52	—	6
Tuberculosis ...	9	43	28	6	18
Enteric Fever ...	—	—	—	—	—
Measles ...	2	11	13	—	—
Other Cases ...	—	24	24	—	—
Totals ...	49	*227	235	10	31

* Of the 227 cases admitted during the year, 42 were Service Cases, viz.: 15 Diphtheria; 3 Scarlet Fever; 3 Tonsilitis; 3 T.B.; 5 Mumps; 9 Measles; and 4 other cases.

The total number of days spent in hospital by patients during the year was 12,773 or an average of 56.27 days per patient.

REGISTRATION OF NURSING HOMES.

One Nursing Home is registered under the Public Health Act, 1936.

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS AND ILLEGITIMATE INFANTS, HOMELESS CHILDREN, AND OTHER CHILDREN.

Under the above provisions, the following work was done during the year.

Tynemouth Rescue and Preventive Association. (Voluntary—Subsidised by Council). Cases investigated 73 ; Cases placed in homes 7 ; Visits paid 1,152 ; and Visits received 203.

Public Assistance Committee, Tynemouth County Borough.

Admitted to Homes :—Orphans 1 ; Deserted Children 2 ; Illegitimate Children 4 ; Others 66 ; Total 73.

Admitted to Institution :—Unmarried Mothers 18 ; Illegitimate Children 28 ; Total 46.

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

The following table shows the Institutions used by the Local Authority and the number of patients under treatment at the end of 1943.

		Prudhoe Hall Colony. Northumb'land N.E. Co. Boro Joint Board.	Harton Poor Law Institution. South Shields Co. Boro.	*Howbeck House Poor Law Institution. W. Hartlepool Co. Boro.	Durran Hill House, Carlisle. R.C. Certified Institution.	Mosside State Inst'n., Maghull, Liverpool, Board of Control for violent cases.	Midland Counties Institution, Knowle, Nr.Birmingham.
Feeble-minded	M.	35	2	—	—	2	1
	F.	28	—	1	—	—	—
Imbeciles	M.	9	2	1	—	—	—
	F.	5	—	1	1	—	—
Idiots	M.	2	—	—	—	—	—
	F.	1	—	—	—	—	—

* Part of premises a certified institution.

Mental Defectives are also admitted from time to time to Preston Road Institution, North Shields as a "place of safety" pending removal to an approved Institution.

In addition the following cases are under Statutory Supervision :—

Males 35 ; and Females 44 ; (including 5 on leave of absence on licence in the Borough).

BLIND PERSONS.

The total number of Blind Persons on the Register at the end of the year was 162. Under Section 176 of the Public Health Act, 1936, for the prevention of blindness and for the treatment of eye disease or injury, 27 cases were examined, 4 of which were re-examinations.

MATERNITY AND CHILD WELFARE.

MARGARET B. STEEL, M.B., Ch.B., D.P.H.,

Maternity and Child Welfare Medical Officer.

The attendances at the Maternity and Child Welfare Clinics show a steady increase compared with those of previous years.

MUNICIPAL MIDWIFERY SERVICE.

This scheme, instituted in accordance with the provisions of the Midwives Act, 1936, has continued to give satisfactory service throughout the period under review, during which time 359 births were attended by Municipal Midwives, who attended 321 as Midwife, and 38 in the capacity of Maternity Nurse.

The daily Ante-Natal Clinics, held at the Public Health Department, at which the Municipal Midwives attend on set days for the convenience of their own patients, were quite well attended, and a total of 508 new cases were examined. Abnormalities found to be present in the condition of a patient are immediately reported by the Maternity and Child Welfare Medical Officer to the patient's own medical practitioner, and during 1943 there were 18 such cases reported.

Ante-Natal Clinics were also held at the Tynemouth Victoria Jubilee Infirmary, and at Preston Hospital, for the convenience of patients booking at these Institutions, and the following table shows the total Ante-Natal Clinical Attendances for the year.

Centre.	Total New Cases.	Total Attendances.	Average Attendances.
Municipal Clinic ...	508	2,434	4.79
Preston Hospital ...	484	1,876	3.87
T.V.J. Infirmary ...	151	227	1.50
Totals ...	1,143	4,537	3.97

19 Midwives notified their intention to practice in the County Borough of Tynemouth Area, in addition to the eight Midwives engaged in the Municipal Midwifery Service, and a total of 941 cases were attended, 294 of which were attended as Maternity Nurse.

A summary of attendances is given below :—

Municipal Midwives attended as	midwife	321	}	359
„ „ „	maternity nurse...	38		
Institutional Midwives	„ midwife	298	}	490
(Preston Hosp, T.V.J.I. and Frater Home)	„ maternity nurse...	192		
Private Midwives	„ midwife	28	}	92
„ „ „	„ maternity nurse...	64		

MEDICAL AID.

In accordance with the regulations of the Central Midwives' Board, Medical Aid was summoned in 206 cases, 173 for the Mother, and 33 for the Child.

NOTIFICATION OF BIRTHS.

A total of 1,205 births were registered during the year (1,173 live and 32 stillbirths), and were notified as follows :—

Notified by Doctors	26
Notified by Midwives	990
Notified by Others	189

9 births were not notified, but immediately on the requirements of the Notification of Births Act being brought to the notice of the persons concerned, these were officially intimated.

STILLBIRTHS.

The figure of stillbirths registered for this Borough, as given by the Registrar-General, for the year, was 39. Included in this number are 2 illegitimate stillbirths.

PUERPERAL PYREXIA.

8 cases were notified during the year, 6 of which were admitted to Hospital.

Of the total cases notified :—

- 2 were attended at birth by Midwives.
- 6 „ „ „ Doctors.
- 6 cases attended Ante-Natal Clinics.

POST-NATAL CLINICS.

No special Post-Natal Clinics are held at the Public Health Department, as patients prefer to attend the Child Welfare Clinics held three times per week, during the afternoon, when they attend with their children. Opportunity has been given during the past year for mothers to make Post-Natal enquiries at these afternoon sessions, and a fair average of cases have been examined, and advice given.

ULTRA-VIOLET LIGHT CLINICS.

Clinics are held twice each week at the Public Health Department. Conditions treated during the past year were, Rickets 4 ; Debility and Anaemia 10 ; Other Causes 6 ; a total of 20 cases. who made 423 attendances.

MILK (MOTHERS AND CHILDREN) ORDER.

A Milk Depot, administered by the Local Authority, and assisted by Voluntary Workers, is in operation, and provides for necessitous pregnant and nursing mothers, and children under 1 year of age. During the year a total of 27,220 lbs. of Dried Milk was distributed at cost price.

The total amount expended by the Local Authority on the purchase of Dried Milk during the year was £2,315. 2s. 5d. In addition under the National Dried Milk Scheme 10,880 lbs. were distributed.

CHILD WELFARE.

Three Clinics are held weekly for the weighing of children, whilst consultations concerning the health and feeding, together with general advice, are given to mothers.

Treatment for ear, nose and throat conditions have, since July been referred to the Newcastle Throat, Nose and Ear Hospital Rye Hill, Newcastle. Treatment for defective vision is given at the Schools' Clinics and facilities are available for the prescriptions of spectacles. Dr. R. M. White (assistant M.O.H.) has, since the retirement in February, 1943, of Dr. J. McConnell, carried out the duties of Acting Schools Medical Officer and has been assisted by Dr. Margaret B. Steel (Maternity and Child Welfare Officer). At the Tynemouth Victoria Jubilee Infirmary, cases of Dental caries are also treated. Minor operative or any surgical treatment is also available at the Out-Patient Department of this Infirmary.

HEALTH VISITING AND INFANT HYGIENE.

9,934 visits were made by the Health Visitors during the year, and a summary of these visits is given below :—

Infants under 1 year : First visits 951 ; Re-visits 2,123	...	3,074
Infants between one and five years	... ..	6,827
Ante-Natal Cases Visited	... ..	33
		<hr/>
		9,934
		<hr/>

During the year, 249 visits were made by the nurses engaged in the County Nursing Association Scheme for Home Nursing.

The following table shows the number of children on the register and the number of re-visits made during the year in each age group (Nett births in the area during 1943 numbered 1,019):—

Age Periods.	Number on Register, December, 1943.	Number of Re-visits made during 1943, by H V.	No. receiving Medical Inspection at M. & C.W. Centre.	No. of attendances for Medical Inspection during 1943.
0-1 year ...	559	2,123	960	5,106
1-2 „ } 2-3 „ } 3-4 „ } 4-5 „ }	613	1,821 1,622 1,741 1,643	504	1,437

INFANT LIFE PROTECTION.

The Infant Life Protection Visitor, is a member of the staff of the Public Health Department (Health Visitor), and is assisted in this work by 3 Health Visitors, 2 Tuberculosis Nurses, and 3 School Nurses.

Total Number of Child Protection Visitors ...	9
Number of persons who were receiving children for reward at the end of the year ...	2
Number of children (i) at the end of the year ...	2
(ii) who died during the year ...	Nil.

Adoption of Children (Regulation) Act, 1939.

Number of persons who gave notice under Section 7 (3) during the year ...	1
Total Number of children "adopted" under the Section during the year ...	1
Number of such children	
(i) Under supervision at the end of the year ...	Nil.
(ii) who died during the year ...	Nil.

NURSERY SCHOOLS.

There are two Nursery Schools in the Borough, both of which have places for 80 children. Dr. Margaret B. Steel, the Maternity and Child Welfare Officer acts as Hon. Medical Adviser to both schools.

These schools have been closed owing to the war, and the children are now evacuated to the country.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

Chemical and Bacteriological analysis of water samples are performed for the Local Authority, by the Public Analysts for the Borough in their Laboratory at Newcastle-upon-Tyne.

SWIMMING POOLS.

There are two Open-Air Salt Water Swimming Pools situated within the Borough. Periodically samples of water have been taken, and have attained a satisfactory standard.

SANITARY INSPECTION OF THE BOROUGH.

C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection,
Senior Sanitary Inspector.

PUBLIC HEALTH DEPARTMENT,
TYNEMOUTH,

SEPTEMBER, 1944.

To THE MAYOR, ALDERMEN AND COUNCILLORS,
YOUR WORSHIP, LADIES AND GENTLEMEN,

I beg to submit herewith my Annual Report on the Sanitary Inspection of the Borough for the year 1943. This report has been curtailed on the instructions of the Minister of Health.

I have the honour to remain,
Your obedient Servant,

C. A. MURRAY,
Senior Sanitary Inspector.

SANITARY INSPECTION.

Total number of inspections made	...	...	...	...	10,415
Total number of re-inspections made	...	...	...	...	3,466

Dwellinghouses.

					Inspections.	Re-inspections.
Ordinary	...	...	...	...	25	6
Infectious Diseases	...	...	...	...	354	10
Housing Act (Sec. 9, 10 and 16)	...	...	...	...	—	—
„ (Special Surveys)	...	...	...	...	140	7
„ (Overcrowding)	...	...	...	...	170	371

Sanitary Conveniences.

Water Closets	...	...	...	...	364	188
Privies and Tub Closets	...	...	...	...	—	—
Urinals	...	...	...	...	56	2

Refuse Storage.

Accumulation	...	...	...	...	56	65
Ashbins	...	...	...	...	8	4
Ash-places	...	...	...	...	1	1

Drains.

Inspections	...	...	...	...	548	374
Smoke Tests	...	...	...	...	139	—
Chemical Tests	...	...	...	...	59	4
Water Tests	...	...	...	...	37	—
Sewers	...	...	...	...	47	32
Cesspools	...	...	...	...	—	—

Factories and Workplaces.

Factories with mechanical power	107	—
Factories without mechanical power (excluding Bakehouses, including Stables, Restaurant kitchens, etc.)	...	...	63	—
Bakehouses with mechanical power	...	...	52	—
Bakehouses without mechanical power	...	...	48	—
Outworkers	...	...	6	—

Miscellaneous.

Civil Defence Services and War Damage	...	869	424
Billets—H.M. Forces	...	25	—
Butchers' Shops and Depots	...	157	—
Dairies, Milk Shops, Stores and Cowsheds	...	486	—
Dangerous Structures	...	6	—
Fish Merchants' Shops and Stores	...	62	—
Ice Cream Premises	...	2	—
Lodging Houses	...	54	—
Meetings with Owners or Tradesmen	...	577	—
Miscellaneous Visits	...	376	2
Offensive Trades, including Fish Frying	...	106	—
Piggeries	...	61	—
Slaughterhouses, Private	...	—	—
Special Notices of Slaughter	...	28	—
Smoke Observation	...	—	—
Shops Act Inspections	...	261	—
Special Visits	...	612	—
Sanitary Inspections	...	134	—
Visits under Rats and Mice Destruction Act	...	455	151
Cooked Food Preparers	...	154	—
Street Gullies	...	12	6
Yards and Courts	...	9	1
Streets and Back Roads	...	—	2
Verminous Premises	...	227	72
Animals, Poultry, etc.	...	2	—
Nuisances	...	635	1,696
Meat and Foods Inspections	...	404	9
Fish Quay	...	29	—
Fish Curers	...	24	—
Premises where work has been carried out by verbal notice	...	52	—

Complaints.

Matters referred to other Departments	...	...	55
Complaints received	...	...	764
Complaints confirmed	...	...	633
Nuisances found...	...	...	635

Nuisances and Defects Remedied during 1943.

	Public Health Acts.		Housing Acts.	Tynemouth Corporat'n. Act.
	Informal.	Statutory.	Statutory.	Statutory.
No. of defects remedied under 1942 notices	72	90	—	4
Informal notice defects transferred to statutory notices...	47	—	—	—
No. of defects remedied under 1943 notices... ..	371	89	—	183
No. of defects outstanding at end of 1943	260	66	—	8

THE FACTORY ACT, 1937.—Inspections.

Type of Premises.	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories with mechanical power ...	107	4	—
Factories without mechanical power ...	63	—	—
Other premises under the Act (excluding Outworkers' premises)	—	—	—
Totals	170	4	—

The following defects were dealt with on receipt of notices from H.M. Inspector of Factories, and remedied in the course of inspections.

Particulars.	Number of Defects.			No. of defects in respect of which Prosecutions were instituted.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of cleanliness (S. 1) ...	1	—	—	—
Overcrowding (S. 2)	—	—	—	—
Unreasonable temperature (S. 3)	—	—	—	—
Inadequate ventilation (S. 4) ...	—	—	—	—
Ineffective drainage of floors (S 6)	—	—	—	—
Sanitary conveniences (S. 7) :—				
Insufficient	—	—	—	—
Unsuitable or defective ...	4	4	—	—
Not separate from sexes ...	—	—	—	—
Other offences	—	—	—	—
Totals	5	4	—	—

There was a total of 204 factories on the Register at the end of the year, 132 with mechanical, and 72 without mechanical power.

OUTWORKERS.

Three notices under Section 110 of the Factories Act, 1937, were received during the year, and on inspection, the premises were found to be in a satisfactory condition.

BAKEHOUSES.

There were 43 premises on the Register at the end of the year, all of which were inspected regularly. It was not necessary to serve any notices during the year.

SHOPS ACT, 1934 (Section 10).

Under the provisions of the above Act, 261 visits were made to inspect sanitary conveniences and other arrangements for the welfare of the assistants.

RATS AND MICE (DESTRUCTION) ACT, 1919.

During the year, 606 visits were made by the Inspectors to 120 premises for the purpose of ascertaining Rat Infestation. The remedy of drainage and structural defects together with the use of traps, poison bait, etc., resulted in most of the premises being cleared. Notices were served in 18 cases with successful results.

As a result of the publicity attached to the Infestation Order 1943, S.R. & O. 680 of the Ministry of Food there has been an increase in the number of complaints. In accordance with responsibilities placed upon the Council by the said Ministry, a survey of rat infestation on both private and Corporation property, including sewers, was carried out and a map accompanying same sent with the report. The intensive treatment of the sewers by the method advocated by the Ministry, is likely to entail very heavy expenditure in 1944.

During the year your Inspectors attended a special 2-day course of instruction held at Newcastle by the Rodent Infestation branch of the Ministry in the latest technique of rodent destruction.

MOSQUITO CONTROL.

Inspections have been carried out periodically of possible breeding grounds including static water supplies. Specimens of insects and larvae have been collected and submitted for examination. No Mosquitos have been identified.

ERADICATION OF BED BUGS.

(1)	(a)	Number of Council Houses	...	...	...	13
	(b)	Number of Other Houses	...	...	...	20
	(c)	Total number of Houses infested	...	...	...	33
	(d)	Number of Houses de-infested	...	...	...	33

(2) The methods employed for freeing infested houses from Bed bugs :—Spraying with Insecticide (Zaldecide) after preparation of room e.g., stripping off wallpaper and removing skirting boards, etc., Infested bedding de-infested at Steam disinfectant.

(3) The methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council Houses :— Six hours concentrated fumigation with Sulphur Dioxide (2.8% S.O.) Gas being kept circulating by means of Electric Fans.

(4) Whether the work of deinfestation is carried out by the Local Authority or by a Contractor :—All deinfestation is carried out by experienced men employed directly by the Local Authority.

Deinfestation of privately-owned and occupied property is not carried out by the Department. The services of a Sanitary Inspector are given in an advisory capacity, spray being loaned free of charge, and insecticide sold at cost price.

SEAMEN'S AND COMMON LODGING HOUSES.

There were three Seamen's Lodging Houses on the Register at the end of the year, containing a total of 59 beds, and 1 Common Lodging House with 12 beds, 54 visits were made during the year, and all was found to be satisfactory. The Chief Constable also made inspections during the year, and reported his satisfaction.

RAG FLOCK ACT, 1911 AND 1928.

There were no samples obtained during the year.

OFFENSIVE TRADES.

Regular inspections have been made on premises at which Offensive Trades are carried on, and the Regulations have been strictly enforced. A list of Offensive Trades registered in this Borough is given below :—

Tallow Melting	...	...	...	1
Fish Liver Boiling	...	...	...	1
Fish Meal Manufacture	...	...	...	1
Tripe Boiling	...	...	...	5
Fish Manure Manufacture	...	...	...	1
Gut Scraping	...	...	...	1
Fish and Potato Frying	...	...	...	30
				—
Total	...	...	...	40
				==

INSPECTION AND TESTING OF DRAINS.

The total number of tests made during the year was 239 of which 139 were Smoke Tests, 63 Chemical Tests and 37 Water Tests. The drains and sanitary conveniences of new buildings are dealt with by the Borough Surveyor's Staff.

SECTION D. HOUSING.

There were no new dwellings erected under the Corporation Housing Scheme during the year.

NEW HOUSES ERECTED DURING 1943.

(A) Total number of Houses Erected :—

(1) By the Local Authority	...	...	...	Nil.
(2) By other Local Authorities	...	...	...	Nil.
(3) By other bodies or persons	...	...	...	Nil.

(B) Houses erected with State Assistance under the Housing Acts (Included in A above).

(1) By the Local Authority :—

(a) For the purpose of Part II of the Act (1925)	Nil.
(b) Do. Part III do.	Nil.
(c) For other purposes	Nil.
(d) Housing Act, 1936	Nil.

The above information has been supplied by the Borough Surveyor.

I.—Inspection of Dwellinghouses during the Year.

(1) (a) Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts	580
(b) Number of inspections made for the purpose ...	580
(2) (a) Number of dwellinghouses included under sub-head (1) above which were inspected and recorded under the Housing Consolidation Regulations, 1925-1932	5
(b) Number of inspections made for the purpose ...	5
(3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	5
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects, reasonably fit for human habitation	575

II.—Remedy of Defects during the Year without Service of Formal Notice.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers	495
---	-----

III.—Action under Statutory Powers during the Year.

(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwellinghouses in respect of which notices were served requiring repairs... ..	Nil.
(2) Number of dwellinghouses which were rendered fit after service of formal notices :—	
(a) By Owners	Nil.
(b) By Local Authority in default of Owners ...	Nil.

(B) Proceedings under Public Health Acts.

(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ...	301
(2) Number of dwellinghouses in which defects were remedied after service of formal notices :—	
(a) By Owners	175
(b) By Local Authority in default of Owners ...	111

(C) Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwellinghouses in respect of which Demolition Orders were made	...	...	...	Nil.
(2) Number of dwellinghouses demolished in pursuance of Demolition Orders	...	...	...	Nil.

(D) Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	5
(2) Number of separate tenements or underground rooms in which Closing Orders were determined, the tenement or room having been rendered fit	...	Nil.

HOUSING ACT, 1936.—PART IV.—OVERCROWDING.

Owing to war conditions it is impossible to give a statement on the position of overcrowding in the Borough. It is anticipated that on the termination of hostilities, a new survey will be required.

No prosecutions were undertaken under the overcrowding provisions of the Housing Act, 1936, during the year.

SECTION E.**INSPECTION AND SUPERVISION OF FOOD.****MILK SUPPLIES.**

There were 12 Cowkeepers with 24 cowsheds housing 233 cows on the Register at the end of the year, five of whom are Licenced producers of "Accredited" Milk.

During the year, Veterinary Inspectors of the Ministry of Agriculture and Fisheries examined the herds of 4 "Accredited" Producers on 2 occasions, the herds of 6 ordinary Producers on two occasions, and one Producer once. In addition 4 special visits and inspections were made. As a result of these visits 2 animals were dealt with under the Tuberculosis Order 1938.

72 visits were made to cowsheds and 414 visits were made to dairies, milk shops, etc., and all infringements of the Milk and Dairies Acts and Orders were dealt with satisfactorily.

Consignments of milk coming into the Borough by road or rail and the condition of the empty churn returned received attention. The keeping of qualities of milk from certain outside sources has seriously deteriorated due to difficulties arising from war-time conditions in both production and transport. The matter has received attention and has been brought to the notice of the Regional Officers of the Ministries of Health and Food, who are doing their best to bring about an improvement.

Milk Retailers.

Applications for registration received	...	...	...	Nil.
Applications for registration granted	...	...	...	Nil.
Number of Milk Dealers on the Register	...	...	...	169
Dairy premises registered during the year	...	...	...	Nil.
Producers and cowkeepers, wholesale dealers, registered during 1943	...	...	...	Nil.
Applications withdrawn	...	...	...	Nil.
Retailers relinquishing registration...	...	...	...	1

MILK (SPECIAL DESIGNATIONS) ORDER.

The following table gives the various grades for which licences were granted :—

Dealers' Licences to sell Tuberculin Tested Milk	...	6
Supplementary Licences to sell Tuberculin Tested Milk...	Nil.	
Producers' Licences for Accredited Milk	... ..	5
Supplementary Licences for Accredited Milk	... ..	Nil.
Dealers' Licences to sell Accredited Milk	... ..	Nil.
Dealers' Licences to sell Pasteurised Milk	... ..	12
Dealers' Licences to bottle Tuberculin Tested Milk	... ..	2
Dealers' Licences to bottle Accredited Milk	... ..	1

MILK SAMPLES FOR BACTERIOLOGICAL EXAMINATION.

During the year, 184 samples of Milk were taken for examination and submitted to the Public Health Laboratory, Newcastle. Of the total samples taken 115 were from sources within the Borough, and 69 from outside. In addition, 3 samples of Pasteurised Milk were submitted to the Public Analyst for the Phosphatase Test.

Of the above, 54 samples were examined for Tubercle Bacilli, 3 of which gave positive results. Appropriate action was taken under the Tuberculosis Order, 1925/38, resulting in the slaughtering of 2 animals.

RESULTS OF BACTERIOLOGICAL EXAMINATIONS OF MILK.

				Total.	Passed.	Failed.
Accredited Milk.	Methylene Blue Test	...	...	16	11	5
	Coliform Test	...	...	20	16	4
	Tubercle	...	...	5	5	—
	Plate Count	...	...	4	4	—
		...	...	4	4	—
Pasteurised Milk.	Plate Count	...	...	3	2	1
	Tubercle	...	...	2	2	—
	Phosphatase Test	...	...	3	2	1
	Coliform Test	...	...	1	1	—
Ordinary Milk.	Coliform Test	...	...	43	23	20
	Plate Count	...	...	43	30	13
	Tubercle	...	...	47	44	3
Total Graded Milks				54	43	11
Total Ordinary Milks				133	97	36
Total Samples Taken				187	140	47

TYNEMOUTH CORPORATION ACTS, 1916-1934.

Regulations made under the Acts are in force, and no persons are permitted to use premises for the preparation of food unless they are registered by the Local Authority, who have power to refuse registration if, in their opinion, the premises are unsatisfactory.

Prior to the ban on the manufacture of Ice Cream (S.R.O. 1962), which came into operation on the 24th September, 1942, there were 77 persons in the Borough registered as occupiers of premises in which Ice Cream is sold or manufactured. 86 persons are registered as owners or occupiers of premises in which Preserved Meat, Fish Cakes, or other foods are prepared. These figures do not include premises used for the business of Fish and Potato Frying.

313 visits were made during the year to supervise and emphasise the need for cleanliness in the handling of food. No serious negligence was discovered.

FOOD AND DRUGS.

MILK AND CREAM REGULATIONS, 1912-1927.

- (1) Milk and Cream not sold as Preserved Cream. The following samples were examined for the presence of a preservative : Milk 106 ; Cream Nil ; and Tinned Cream Nil. No preservatives were reported to be present in any of the foregoing samples.
- (2) Thickening Substances. No evidence was found of any addition of thickening substances to Cream during the year.

ARTIFICIAL CREAM ACT, 1929.

There were no samples taken under this Act during the year.

SALE OF FOOD AND DRUGS (ADULTERATION) ACT, 1928.

SAMPLES TAKEN FOR CHEMICAL ANALYSIS.

TABLE I.

Articles Analysed.	Total.	No. of Samples taken for Analysis.		No. found to be Adulterated.		Percentage of Samples Adulterated.	
		In-formal	For-mal.	In-formal	For-mal.	In-formal	For-mal.
Arrowroot Biscuits	1	1	—	—	—	%	%
Baking Powder	4	4	—	—	—	—	—
Balsam of Aniseed	1	1	—	—	—	—	—
Barley Pudding (Lingfords) ...	1	1	—	—	—	—	—
Beef and Vegetable Extract ...	3	3	—	—	—	—	—
Boracic Acid Powder	1	1	—	—	—	—	—
Boracic Ointment	1	1	—	—	—	—	—
Borax	2	2	—	—	—	—	—
Butter	9	9	—	—	—	—	—
Camphorated Oil	2	2	—	—	—	—	—
Carbonate of Magnesia	1	1	—	—	—	—	—
Castor Oil	2	2	—	—	—	—	—
Cheese	11	11	—	—	—	—	—
Chicken, Ham and Tongue Roll	1	1	—	1	—	100	—
Chocolate Laxative	1	1	—	—	—	—	—
Cocoa	1	1	—	—	—	—	—
Condensed Milk	2	2	—	—	—	—	—
Condensed Skimmed Milk	1	1	—	—	—	—	—
Cough Balsam	1	1	—	—	—	—	—
Crab and Lobster Paste	1	1	—	—	—	—	—
Crab Paste	1	1	—	—	—	—	—
Dripping	5	4	1	2	1	50	100
Egg Substitute	3	3	—	—	—	—	—
Carried forward ...	56	55	1	3	1	—	—

Articles Analysed.	Total.	No. of Samples taken for Analysis.		No. found to be Adulterated.		Percentage of Samples Adulterated.	
		In-formal	For-mal.	In-formal	For-mal.	In-formal	For-mal.
Brought forward ...	56	55	1	3	1	%	%
Fish Paste ...	2	2	—	—	—	—	—
Gelatine ...	1	—	1	—	—	—	—
Ginger Bun Mixture ...	1	1	—	—	—	—	—
Ginger Cake Mixture ...	1	1	—	—	—	—	—
Ground Coffee ...	1	1	—	—	—	—	—
Ground Ginger ...	1	1	—	—	—	—	—
Home Drisauce ...	1	1	—	—	—	—	—
Lard ...	9	9	—	—	—	—	—
Lemon and Ipecae Mixture ...	1	1	—	—	—	—	—
Liquid Paraffin... ..	1	1	—	—	—	—	—
Lobster Paste ...	1	1	—	—	—	—	—
Lobster and Tomato Paste ...	1	1	—	—	—	—	—
Malted Milk ...	1	1	—	—	—	—	—
Margarine ...	9	9	—	—	—	—	—
Meat Extract ...	1	1	—	—	—	—	—
Meat Paste ...	1	1	—	—	—	—	—
Meat Pies ...	1	—	1	—	1	—	100
Mixed Spice ...	2	2	—	—	—	—	—
Mustard ...	1	1	—	—	—	—	—
Mustard Sauce ...	1	1	—	—	—	—	—
New Milk ...	70	—	70	—	11	—	15.71
Pasteurized Milk ...	21	—	21	—	—	—	—
Pork and Beef Paste ...	1	1	—	—	—	—	—
Salad Oil ...	1	1	—	—	—	—	—
Salmon and Shrimp Paste ...	1	1	—	—	—	—	—
Sauce ...	4	4	—	—	—	—	—
Sardines (Tinned) ...	3	3	—	—	—	—	—
Semolina Pudding ...	1	1	—	—	—	—	—
Sterilized Milk ...	15	—	15	—	—	—	—
Stomach Powder ...	2	2	—	—	—	—	—
Tinned Evaporated Milk ...	1	1	—	—	—	—	—
Vanilla Essence... ..	1	1	—	—	—	—	—
Vinegar ...	1	1	—	—	—	—	—
Totals ...	216	107	109	3	13	2.80	11.9

The Chemical Analysis of the above samples was carried out by the Public Analyst to the County Borough of Tynemouth Corporation, Mr. W. Gordon Carey, 10, Dean Street, Newcastle upon Tyne.

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-1927.

There were 4 samples examined during the year under these regulations.

PUBLIC HEALTH (DRIED MILK) REGULATIONS 1923-1927.

There were no samples taken under these regulations during the year.

PARTICULARS OF ADULTERATED SAMPLES.

TABLE II.

No.	Article.	Defect.	Action Taken.
16	Meat Pies ...	Contained no meat whatsoever.	16-2-43, Vendor appeared before Committee. Cautioned.
53	Egg Substitute ...	Contained a very large number of living flour mites.	Letter of caution sent to retailer.
79	Dripping ...	Contained 2.7% of free fatty acids.	Reported to Ministry of Food.
92	New Milk ...	Deficient in non-fatty solids to the extent of 3.6%.	Follow up sample Genuine. Letter of caution sent by Senior Sanitary Inspector.
100	Dripping ...	Contained 2.6% of free fatty acids.	Reported to Ministry of Food.
108	New Milk ...	Deficient in Milk fat.	Follow up sample genuine. Letter of caution sent by Senior Sanitary Inspector.
116	New Milk ...	Deficient in Milk fat.	See follow up sample No. 123.
118	New Milk ...	Deficient in Milk fat.	Follow up sample No. 121. Genuine. Letter of caution sent by Senior Sanitary Inspector.
123	New Milk ...	Deficient in Milk fat.	Follow up sample No. 124. Genuine. Letter of caution sent by Senior Sanitary Inspector.
135	Chicken, Ham and Tongue Roll ...	Deficient in Meat to the extent of 45% of 30%.	Should contain not less than 30% and not more than 45% of meat.
136	Dripping ...	Contained 3.1% of free fatty acids.	Reported to Ministry of Food.
138	New Milk ...	Deficient in Milk fat to the extent of 9.0%.	Follow up sample. Genuine.
140	New Milk ...	Deficient in Milk fat to the extent of 17.3%.	See follow up sample No. 147.
147	New Milk ...	Deficient in Milk fat to the extent of 15.0%.	Referred to Ministry of Food and M.O. Health for necessary action.
194	New Milk ...	Deficient in non-fatty solids to the extent of 1.8% indicating extraneous water.	Retailer interviewed by Health Committee and cautioned.
196	New Milk ...	Deficient in non-fatty solids to the extent of 11.7% indicating extraneous water.	Retailer interviewed by Health Committee and cautioned.

PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS, 1925-1927.

216 samples were examined during the year, and in no case was any infringement of the regulations discovered.

INSPECTION OF MEAT AND OTHER FOODS.

Slaughterhouses.

There now remain 15 private slaughterhouses, which are subject to annual Licence. Since the operation of the Livestock (Restrictions on Slaughtering) Order 1940, all slaughtering is now centralised at Whitley Bay under Government Control, and deliveries of meat are made direct to the butchers' shops.

28 cases of special slaughter of pigs for home consumption were authorised under a Licence by the Local Officer of the Ministry of Food, and the carcasses and organs were inspected.

Inspection of Meat.

157 visits were made to butchers' shops. There are no open stalls used for the sale of meat.

SWINE FEVER.

One case of suspected Swine Fever was reported to the Ministry. The one outbreak was confirmed by the Veterinary Inspectors and resulted in the slaughter and destruction of one pig.

TOTAL AMOUNT OF UNSOUND FOOD CONDEMNED.

Food.	Tons.	Cwts.	Qtrs.	Lbs.	Ozs.
Beef	—	6	1	1	—
Pork	—	1	—	26	—
Bacon	—	11	1	10	—
Mutton	—	4	1	21	2
Poultry	—	—	—	2	8
Rabbits	—	—	1	16	8
Fish	16	18	—	26	8
Shellfish	—	11	1	—	—
Milk (Tinned)... ..	—	4	3	9	15½
Miscellaneous Groceries	—	15	1	12	12
Meat, (Tinned) ...	5	14	—	18	10
Fish, (Tinned) ...	7	19	—	3	15¼
Other Tinned Goods ...	2	7	—	20	15
Totals ...	35	13	3	1	13¾

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

MEASLES AND WHOOPING COUGH.

The following table shows the number of deaths from Measles (including German Measles) and Whooping Cough together with the number of notifications received during the year (Registrar General).

Whooping Cough :—				
Cases Notified	...	...	...	71
Deaths at all ages	...	...	...	2
Measles (including German Measles) :—				
Cases Notified	...	...	...	380
Deaths at all ages	...	...	...	2

DIARRHOEA AND ENTERITIS.

During the year there were 2 deaths of children under 2 years of age, which is equal to a mortality rate of 1.96 per 1,000 births.

The mortality rate for England and Wales, and the Great Towns were 5.3 and 7.9 respectively.

OPHTHALMIA NEONATORUM.

6 cases were notified during the year, 2 being Hospital Cases (one of which was a non-resident).

In addition to cases of Ophthalmia Neonatorum, detailed above, 9 cases of Discharging Eyes were attended by the Nursing Association who made 198 visits.

PEMPHIGUS NEONATORUM.

During the year, 1 case of Pemphigus Neonatorum was brought to my notice, and the necessary action taken.

FOOD POISONING.

There were no cases reported during the year.

NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR 1943.

(Table in accordance with Ministry of Health instructions).

Civilian Cases Only.

Disease.	Total.	Total Cases Notified.										Cases admitted to Hospital.	Total Deaths	
		Under 1	1—	2—	3—	4—	5—	10—	15—	20—	35—			45—	65 & over.
Measles ...	388	12	40	36	49	61	182	5	1	2	—	—	—	2
Whooping Cough ...	72	11	7	8	9	13	24	—	—	—	—	—	—	2
Diphtheria ...	87	—	2	—	5	9	28	16	9	15	2	1	—	4
Pneumonia ...	75	4	4	4	3	—	3	1	6	11	10	19	10	47
Scarlet Fever ...	117	—	5	7	5	9	60	20	2	9	—	—	—	—
Puerperal Pyrexia ...	8	—	—	—	—	—	—	—	—	7	1	—	—	1
Enteric Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenzal Pneumonia ...	7	—	—	—	1	—	—	—	—	—	—	5	1	12
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases Generally Notifiable :—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	6	6	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas... ..	26	—	—	1	—	—	1	—	1	7	5	9	2	—
Cerebro-Spinal Fever	7	1	—	1	—	1	—	4	—	—	—	—	—	4
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals ...	793	34	58	57	72	93	298	46	19	51	18	34	13	72

IMMUNISATION.

The scheme for the Immunisation against Diphtheria of the child population, instituted last year, has been fairly well supported by parents.

In conjunction with the staff of the Education Department, scholars were immunised at their own schools, whilst Pre-School children were immunised at the Maternity and Child Welfare Centre, a total of 1,544 children being immunised under the scheme during the year, 660 of which were School Children, bringing the percentage of immunised School Children now in school to 89.44, whilst 884 Pre-School Children were immunised, which brings the percentage of the Pre-School child population of the Borough immunised to 48.84.

DISINFECTION OF PREMISES AND ARTICLES OF CLOTHING.

The following table shows the number of rooms disinfected and the number of articles of clothing removed and disinfected at Moor Park Hospital Disinfecting Station during the year.

Disease.							Rooms.	Articles of Clothing.
Diphtheria	...	...	...	...	...	...	76	948
Scarlet Fever	...	...	...	...	...	...	103	453
Tuberculosis	...	...	...	...	...	...	21	171
Vermin	...	...	...	...	...	...	81	75
Measles	...	...	...	...	...	...	1	36
Other Diseases	...	...	...	...	...	...	25	51
Services and Civil Defence	...	...	...	...	...	...	—	12,751
Total							307	14,485

X-RAY EXAMINATIONS.

Radiography of contacts, suspected cases, and all notified cases of tuberculosis were carried out during the year, subsequent examinations when necessary were made as part of the routine Dispensary supervision.

1,287 Radiographs and 472 Screen examinations were made during the year.

CANCER.**Deaths and Death Rates from Cancer.**

	1905 -09	1910 -14	1915 -19	1920 -24	1925 -29	1930 -34	1935 -39	1940	1941	1942	1943
Deaths	185	244	287	319	315	403	474	121	98	101	98
Death Rate per 1,000 living ...	0.67	0.82	1.00	0.99	0.95	1.23	1.42	2.02	1.74	1.88	1.87
Proportion of deaths per 1,000 deaths from all causes	37	51	56	72	74	99	117	144	92	128	125

Deaths, 1943—98. Mortality Rate per 1,000—1.87.

There are facilities for the early diagnosis and treatment in the Borough at the Tynemouth Victoria Jubilee Infirmary, where there is a complete unit including the services of an honorary consultant radiologist, and honorary consultant surgeon.

VACCINATION.

The following table gives the figures relating to the Vaccination of Infants in the Borough, for the year 1942, under the Vaccination Acts.

Births.	Vacci- nated success- fully.	Insus- ceptible	Died un- vacci- nated.	Consci- entious Objec- tors.	Post- poned by Medical Certifi- cate.	Re- moved	Unac- count- ed for.	Percentage not vaccinated including columns 5, 6, 7 & 8.
1	2	3	4	5	6	7	8	9
941	229	—	60	541	—	39	72	69.3

In addition, the following number of vaccinations were carried out during the year ended 30th September, 1943.

	Numbers of successful Primary Vaccinations of persons.			Number of Successful Re-vaccinations, i.e., Successful vaccina- tions of persons who had been successfully vaccinated at some previous time.
	Under one year of Age.	One year and upwards.	Total.	
By the Public Vaccinators, under the Vaccination Acts	167	8	175	4
By the Medical Officer of Health, under the Provision of the Public Health (Smallpox) Regulations, 1917	0	0	0	0

TUBERCULOSIS.**New Cases and Mortality from Pulmonary and Non-Pulmonary Forms of Tuberculosis during 1943.**

Age Periods.	New Cases.				Deaths (Registrar-General).			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	—	—	—	1	—	—	1	—
1- 5 ...	—	2	1	3	—	1	1	2
5-10 ...	—	1	2	4	—	—	—	—
10-15 ...	2	4	3	1	—	—	2	3
15-20 ...	9	4	1	5	3	5	—	1
20-25 ...	6	7	—	2	3	6	—	1
25-35 ...	8	4	1	1	5	2	—	—
35-45 ...	7	4	—	—	6	3	—	—
45-55 ...	6	4	—	—	5	3	—	—
55-65 ...	7	1	—	—	4	—	—	—
65 and over...	—	—	—	—	—	—	1	1
Totals ...	45	31	8	17	26	20	5	8

The total number of notifications received was 112 relating to 101 new cases (77 adults, 24 children) ; 11 of the total number were notified more than once.

- (1) **Pulmonary Tuberculosis** :—Deaths 46 ; mortality rate per 1,000 is equal to 0.88.
- (2) **Non-Pulmonary Tuberculosis** :—Deaths 13 ; mortality rate per 1,000 is equal to 0.25.

TYNEMOUTH CARE COMMITTEE.

Mr. H. W. Welch, the Hon. Financial Secretary of the Tynemouth Care Committee reports that during the past year, the number of cases assisted was 11. Of this number 7 were granted extra nourishment, consisting of special quantities of eggs, and milk, to approved cases of Tuberculosis. The 4 remaining cases were supplied with surgical appliances.

The income of this Committee consists of an annual grant from the Tynemouth Corporation and from donations received from the Employees of the Newcastle and Gateshead Gas Co., and the Employees of Messrs. Smith's Dock Co. (Hospital Committee). Donations were also received from Miss Dorrian, Field House, North Shields, Mrs. McKerrow, 13 The Crescent, Tynemouth and Mrs. Oulds, Princeway, Tynemouth.

Grateful thanks are expressed to these donors.

ULTRA-VIOLET LIGHT THERAPY.

The total number of patients treated at the Clinic during the year was 99, made up of 10 adults and 89 children, the result of the treatment given being as follows :—

30 were discharged, healed or quiescent ; 47 improved ; 13 remained stationary ; and 9 cases ceased to attend.

REPORT UPON DISPENSARY AND INSTITUTIONAL TREATMENT FOR 1943.

Diagnosis.	Pulmonary.				Non-Pulmonary.				Total.				Grand Total.
	Adults.		Children		Adults.		Children.		Adults.		Childrep.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.— (1) Number of definite cases of Tuberculosis on the Dispensary Register at the beginning of the year	110	59	22	24	11	9	20	22	121	68	42	46	277
(2) Transfers from other Authorities ...	—	—	—	—	—	—	—	—	—	—	—	—	—
(3) Lost sight of cases returned	—	—	—	1	—	—	—	—	—	—	—	1	1
B.— Number of new cases diagnosed as tuberculosis :—													
(1) Class T.B. Minus	29	17	3	3	—	—	—	—	29	17	3	3	52
(2) Class T.B. Plus	12	4	—	—	—	—	—	—	12	4	—	—	16
(3) Non-Pulmonary	—	—	—	—	—	2	1	3	—	2	1	3	6
C.— Number of cases included in A and B written off the Dispensary Register :—													
(1) Recovered ...	4	3	2	4	—	—	5	7	4	3	7	11	25
(2) Dead (all causes)	22	11	—	—	—	—	—	—	22	11	—	—	33
(3) Removed to other Areas ...	4	5	1	—	2	1	2	—	6	6	3	—	15
(4) For other reasons	8	5	—	1	4	—	—	3	12	5	—	4	21
D.— Number of definite cases of Tuberculosis on the Dispensary Register at the end of the year	113	56	22	23	5	10	14	15	118	66	36	38	258

1. Number of attendances at the Dispensary (including contacts) ... 1,375
2. Number of consultations with Medical Practitioners (personal) ... 247
3. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes 2,238
4. Number of visits by Tuberculosis Officers to homes (including personal consultations) 3
5. Number of :—
 - (a) Specimens of Sputum, etc., examined 412
 - (b) X-Ray examinations made in connection with Dispensary work 1,287

VENEREAL DISEASES.

The Centres available for the treatment of venereal diseases are the Joint Committees' Clinic, Newcastle, and the Auxiliary Centre at Preston Hospital, Tynemouth, and at the Public Health Department, for females and children.

The number of persons from Tynemouth treated at the various clinics in the district is given below:—

Disease.	Treatment Centres.			
	Newcastle.	South Shields.	Tynemouth.	Other Centres.
Syphilis	9	8	54	—
Soft Chancre	2	—	3	—
Gonorrhoea	6	2	60	1
Conditions other than venereal	20	5	69	—
Total new cases from Tynemouth	37	15	186	1
Attendances	698	85	5,674	18

The attendances at the Preston Hospital Clinic, and Public Health Department Clinic, Tynemouth (including those made by foreigners and non-residents, not included in the above table), are :—

	Preston Hospital Clinic, Tynemouth.			
	Residents.	Non-Residents.	Foreigners.	Total.
New Cases	186	69	59	314*
Attendances (all cases) ...	5,674	1,998	1,051	8,723

* Of the above cases 162 attendances were made by 8 Service patients.

The sources from which specimens were sent during 1943 are indicated in the following table :—

Nature of Test.	Newcastle V.D. Clinic.	Tynemouth V.D. Clinic.	Other Centres.	Private Practitioners.	Tynemouth Infirmary.
Blood :—Kahn Test	—	5	—	—	—
Wasserman reaction	90	368	134	13	10
Gonococcal fixation	14	4	1	—	2
Cerebro-Spinal Fluid :—					
Wasserman	6	1	—	—	—
General examination	6	—	—	—	—
Microscopical Examination ...	—	13	—	—	—
Totals	116	391	135	13	12

SECTION G.

MISCELLANEOUS.

CIVIL DEFENCE.

The work of organising and supervising the Casualty Service of the Civil Defence Organisation of this Borough, continues to be the responsibility of certain members of the Public Health Department Staff.

Two Fixed First Aid Posts, each having facilities for the decontamination of injured persons, and two Public Gas Cleansing Centres for the decontamination of un-injured are now in operation. Ambulance facilities are situated in close proximity to each First Aid Post, and also dispersed throughout the Borough, and at Casualty Service Head-quarters, "Holmlands, Military Road, North Shields. In addition there are four Mobile Gas Units and two Mobile First Aid Units garaged centrally and dispersed to action stations on the sounding of the "Alert."

Control.—The direction of the Casualty Service is carried out by the Medical Officer of Health. Mr. G. G. Ellis (a member of the staff of the Public Health Department) acts as Staff Officer to the Casualty Service and Mr. J. Cox as Joint Transport Officer for both Casualty and Rescue Services.

Decontamination is under the direction of the Senior Sanitary Inspector, Mr. C. A. Murray, A.R.P.S.

The two fixed First Aid Posts in the Borough are under the direction of Doctors Martin and Paterson, general medical practitioners, who, in an emergency, are assisted by Doctors Muirhead and Graham.

Personnel.—There has been a large reduction of personnel in accordance with Ministry of Home Security Circular 16/1943, under which all First Aid Party Men were transferred to the Rescue Service. Ambulance Attendants are provided by means of a rota of part-time volunteers. The vehicle strength has been amended to 15 ambulances and 8 cars.

The training of Male First Aid Post personnel is carried out by Dr. R. M. White, the Assistant Medical Officer of Health, whilst Doctors Martin and Paterson are responsible for the training of Female First Aid Post personnel. Instruction in decontamination and anti-gas methods has been carried out by Inspector C. A. Murray and Mr. R. B. Whitfield, both fully qualified A.R.P.S. Instructors.

A very high standard of efficiency has been maintained throughout the year.

APPENDIX.

TABLE I.

VITAL STATISTICS OF THE COUNTY BOROUGH OF TYNEMOUTH DURING 1943 AND PREVIOUS YEARS.

Year.	Births.		Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
	Number.	Rate.					Number	Rate per 1,000 Nett Births.	Number.	Rate.
1933	1,135	17.25	1,063	16.1	238	48	96	84	873	13.27
1934	1,172	17.77	1,022	15.5	229	47	85	77	840	12.73
1935	1,201	17.38	1,033	15.3	255	46	76	63	824	12.23
1936	1,209	18.10	1,022	15.3	286	37	78	65	773	11.57
1937	1,087	16.25	1,135	16.9	323	46	72	66	858	12.83
1938	1,104	16.60	1,054	15.8	307	50	67	61	797	11.98
1939	1,119	16.70	1,038	15.9	303	57	76	68	792	12.14
1940	1,060	17.74	1,139	19.2	299	65	71	67	840	14.06
1941	897	15.95	1,244	22.1	274	96	85	95	1,066	18.95
1942	908	16.97	947	17.5	231	71	84	92	787	14.71
1943	1,019	19.45	1,017	19.4	306	69	78	76	780	14.89

TABLE II.

Registrar-General's List of Causes of Death at different periods of life in the County Borough of Tynemouth during 1943.

MALES.

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 45	45 to 65	65 and over.	Total all Ages.
1	Typhoid and Paratyphoid Fever...	—	—	—	—	—	—	—
2	Cerebro-spinal Fever ...	2	1	—	—	—	—	3
3	Scarlet Fever ...	—	—	—	—	—	—	—
4	Whooping Cough ...	1	—	—	—	—	—	1
5	Diphtheria ...	—	2	1	—	—	—	3
6	Tuberculosis of Respiratory System ...	—	—	—	17	9	—	26
7	Other Forms of Tuberculosis...	1	1	2	—	—	1	5
8	Syphilitic Disease ...	—	—	—	1	5	—	6
9	Influenza ...	—	—	—	—	4	4	8
10	Measles ...	—	1	—	—	—	—	1
11	Acute Poliomyelitis and Polioencephalitis ...	—	—	—	—	—	—	—
12	Acute Infectious Encephalitis	—	—	—	—	—	—	—
13M.	Cancer of Buccal Cavity and Oesophagus ...	—	—	—	—	—	3	3
14	Cancer of Stomach and Duodenum ...	—	—	—	2	4	6	12
16	Cancer of all other sites ...	—	—	—	2	19	16	37
17	Diabetes ...	—	—	—	—	—	—	—
18	Intra-cranial Vascular Lesions	—	—	—	—	8	26	34
19	Heart Disease ...	—	—	—	6	27	75	108
20	Other Diseases of the Circulatory System ...	—	—	1	—	7	9	17
21	Bronchitis ...	4	1	1	2	10	9	27
22	Pneumonia ...	15	—	1	4	1	4	25
23	Other Respiratory Diseases ...	—	—	—	—	4	1	5
24	Ulceration of the Stomach or Duodenum ...	—	—	—	—	4	1	5
25	Diarrhoea (under 2 years of age)	2	—	—	—	—	—	2
26	Appendicitis ...	—	—	1	—	—	3	4
27	Other Digestive Diseases ...	2	—	—	1	2	2	7
28	Nephritis ...	—	—	—	—	3	6	9
31	Premature Birth ...	13	—	—	—	—	—	13
32	Congenital Malformation, Birth Injury and Infantile Diseases	7	1	—	1	—	—	9
33	Suicide ...	—	—	—	—	—	—	—
34	Road Traffic Accidents ...	—	—	2	1	1	—	4
35	Other Violent Causes ...	—	1	3	6	5	2	17
36	All Other Causes ...	2	—	3	4	4	22	35
	Totals All Causes ...	49	8	15	47	117	190	426

Deaths under one year of age :—

Legitimate male children ... 42.
 Illegitimate male children ... 7.

TABLE III.

Registrar-General's List of Causes of Death at different periods
of life in the County Borough of Tynemouth during 1943.

FEMALES.

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 45	45 to 65	65 and over.	Total all Ages.
1	Typhoid and Paratyphoid Fever... ..	—	—	—	—	—	—	—
2	Cerebro-Spinal Fever... ..	—	1	—	—	—	—	1
3	Scarlet Fever	—	—	—	—	—	—	—
4	Whooping Cough	1	—	—	—	—	—	1
5	Diphtheria	—	—	—	1	—	—	1
6	Tuberculosis of Respiratory System	—	1	—	16	3	—	20
7	Other Forms of Tuberculosis... ..	—	2	3	2	—	1	8
8	Syphilitic Disease	—	—	—	2	1	—	3
9	Influenza	—	—	—	1	1	2	4
10	Measles	1	—	—	—	—	—	1
11	Acute Poliomyelitis and Polioencephalitis	—	—	—	—	—	—	—
12	Acute Infectious Encephalitis	—	—	—	—	—	—	—
13F.	Cancer of Uterus	—	—	—	—	14	3	17
14	Cancer of Stomach and Duodenum	—	—	—	1	2	2	5
15	Cancer of Breast	—	—	—	—	4	4	8
16	Cancer of all other sites	—	—	1	1	7	7	16
17	Diabetes	—	—	—	—	1	2	3
18	Intra-cranial Vascular Lesions	—	—	—	1	13	31	45
19	Heart Disease	—	—	—	3	17	74	94
20	Other Diseases of the Circula- tory System	—	—	—	—	1	4	5
21	Bronchitis	1	—	—	2	—	17	20
22	Pneumonia	8	2	—	2	1	9	22
23	Other Respiratory Diseases	—	—	—	—	2	—	2
24	Ulceration of the Stomach or Duodenum	—	—	—	—	2	—	2
25	Diarrhoea (under 2 years of age	—	—	—	—	—	—	—
26	Appendicitis	—	—	—	—	—	1	1
27	Other Digestive Diseases	1	—	—	—	3	4	8
28	Nephritis	—	—	—	1	5	2	8
29	Puerperal and Post-Abortive Sepsis	—	—	—	1	—	—	1
30	Other Maternal Causes	—	—	—	1	—	—	1
31	Premature Birth	11	—	—	—	—	—	11
32	Congenital Malformation, Birth Injury and Infantile Diseases	5	1	—	—	—	—	6
33	Suicide	—	—	—	1	—	—	1
34	Road Traffic Accidents	—	—	—	—	—	—	—
35	Other Violent Causes	—	2	—	3	1	4	10
36	All Other Causes	1	2	—	5	5	16	29
	Totals All Causes	29	11	4	44	83	183	354

Deaths under one year of age :—

Legitimate female children ... 26.
Illegitimate female children ... 3.

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